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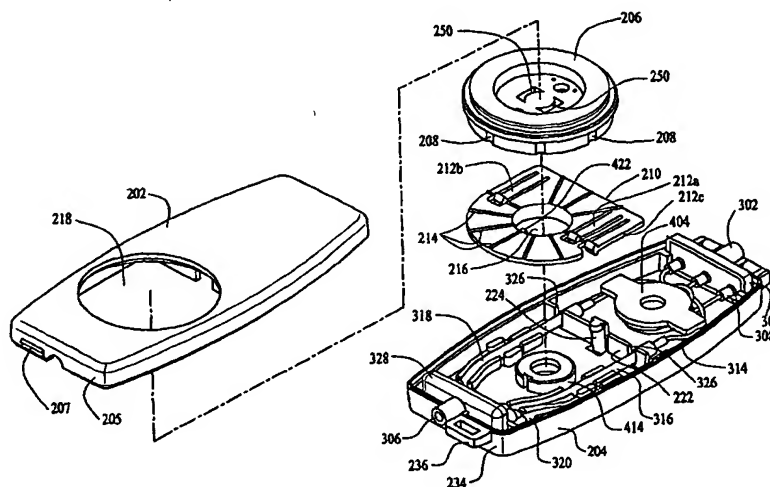
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- (54) Title: **DEVICE FOR SELECTIVELY REGULATING THE FLOW RATE OF A FLUID**
- (74) Agents: **KLEIN, Howard J. et al.**; Klein, O'Neill & Singh, LLP, 2 Park Plaza, Suite 510, Irvine, CA 92614 (US).
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[Continued on next page]



(57) Abstract: A device for regulating the flow rate of a fluid includes a housing containing a plurality of flow conduits fluidly connecting an inlet and an outlet, each of the flow conduits comprising a flow control tube (310, 312, 314) and a resiliently compressive occlusion tube (316, 318, 320), wherein the flow control tubes are of substantially equal internal diameter. Each of the flow control tubes has a length associated with a different flow rate. A resilient flow-blocking element (212a, 212b, 212c) is operatively associated with each of the occlusion tubes and is movable into a flow-blocking compression against its associated occlusion tube. An actuation mechanism (206) in the housing is operable : (a) to selectively engage and move one or more of the flow-blocking elements into the flow-blocking compression against its associated occlusion tube, and (b) to selectively be disengaged from any of the flow-blocking elements.



CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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